

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing Of Claims:**

- 1.-5. (Canceled)
6. (New) A control unit for actuating a passenger protection arrangement, comprising:  
a processor; and  
an electronic safety switch that, as a function of a signal of an acceleration sensor system, releases an output stage independently of the processor, the processor actuating the output stage as a function of the signal, wherein the safety switch analyzes an integrated acceleration signal as the signal of the acceleration sensor system.
7. (New) The control unit as recited in Claim 6, wherein the acceleration sensor system includes an integrator for integrating the integrated acceleration signal.
8. (New) The control unit as recited in Claim 6, further comprising:  
a high pass filter for filtering the integrated acceleration signal.
9. (New) An acceleration sensor system, comprising:  
a housing; and  
an integrator provided in the housing and for integrating an acceleration signal.
10. (New) The acceleration sensor system as recited in Claim 9, further comprising:  
a high pass filter for filtering the acceleration signal.